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PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/669,177
		Filing Date	09-23-2003
		First Named Inventor	Ba-Zhong Shen
		Art Unit	2133
		Examiner Name	DILDINE JR, R STEPHEN
Total Number of Pages in This Submission	51	Attorney Docket Number	BP3036.1

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC								
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences								
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)								
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<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter								
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):								
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer									
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> 2. cover sheet/certification statement (2 pages)								
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> (see remarks below for additional items)								
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD									
<input type="checkbox"/> <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53										
<table border="1"> <tr> <td>Remarks</td> <td>The following are also being submitted herewith:</td> </tr> <tr> <td colspan="2">3. IDS forms (PTO/SB/08A, 0 sheet and PTO/SB/08B, 1 sheet) (1 page)</td> </tr> <tr> <td colspan="2">4. cover letter from foreign associate and hard copy of non-U.S. patent reference (47 pages)</td> </tr> <tr> <td colspan="2">5. return postcard</td> </tr> </table>			Remarks	The following are also being submitted herewith:	3. IDS forms (PTO/SB/08A, 0 sheet and PTO/SB/08B, 1 sheet) (1 page)		4. cover letter from foreign associate and hard copy of non-U.S. patent reference (47 pages)		5. return postcard	
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5. return postcard										

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Garlick Harrison & Markison (USPTO CN 51472)		
Signature	/SXShort/ Reg. No. 45,105		
Printed name	Shayne X. Short, Ph.D. (Reg. No. 45,105)		
Date	01-16-2007	Reg. No.	45,105

### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Barbara A. Adkins

Date 01-16-2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Serial No: 10/669,177	Attorney Docket No: BP3036.1
Application Filing Date: 09-23-2003	Inventor(s): Ba-Zhong Shen, Hau Thien Tran, and Kelly Brian Cameron
Examiner: Dildine Jr., R. Stephen	
Art Group: 2133	Patent No: n/a
Confirmation No: 4091	Patent Issue Date: n/a
<b>Title:</b> Iterative metric updating when decoding LDPC (Low Density Parity Check) coded signals and LDPC coded modulation signals	

Date: 01-16-2007

Mail Stop PETITION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
TEL: (571) 272-3282  
FAX: (571) 273-0025

**SUBMISSION OF HARD COPY OF NON-U.S. PATENT REFERENCE**  
**THAT WAS CITED IN IDS (Information Disclosure Statement) THAT**  
**ACCOMPANIED AN EARLIER FAX-FILED PETITION FOR WITHDRAWAL**  
**FROM ISSUE UNDER 37 C.F.R. §1.313**

The Applicant submitted, via a facsimile-filing on 01-16-2007, a petition under 37 C.F.R. §1.313 for the withdrawal from issue of the above-referenced U.S. utility patent application to permit consideration of one (1) reference being submitted via IDS (Information Disclosure Statement).

The issue fee for the above referenced U.S. utility patent application was submitted in a filing that was mailed on 12-21-2006.

Also in the facsimile-filing on 01-16-2007, the Applicant submitted an RCE (Request for Continued Examination) to requests independent consideration by the Examiner of the one (1) reference cited within the IDS.

It is requested that the enclosed reference listed on the attached Information Disclosure Statement by Applicant be considered by the Examiner in connection with the above-identified U.S. utility patent application and be made of record therein. During examination of a related EP patent application, the Examiner of the related EP patent application identified the enclosed reference. The cover letter provided by our foreign associate as well as a hard copy of the non-U.S. patent reference are being submitted

herewith. The reference cited within the IDS is being mailed separately as sending it via the facsimile-filing on 01-16-2007 would have been impracticable.

Certification Under 37 C.F.R. § 1.97(e)(1)

I hereby certify that the corresponding enclosed reference was cited in a communication from a foreign patent office in a counterpart foreign application (European Patent application 03022638.5-1247) not more than three months prior to the filing of this Information Disclosure Statement by Applicant.

Independent consideration and acknowledgment of the enclosed reference is respectfully requested.

A hard copy of the non-U.S. patent references cited within the IDS is being mailed separately as sending it via the facsimile-filing on 01-16-2007 would have been impracticable.

Since prosecution on the merits is closed for the above-referenced U.S. utility patent application, the hard copy of the non-U.S. patent reference is being subsequently mailed via 1<sup>st</sup> class mail to the following address as instructed by the Office of Petitions:

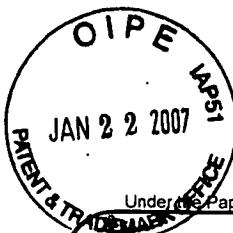
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P.O. Box 1450  
Alexandria, VA 22313-1450

The Examiner is invited to contact the undersigned by telephone or facsimile if the Examiner believes that such a communication would advance the prosecution of the present U.S. utility patent application.

RESPECTFULLY SUBMITTED,

By: \_\_\_\_\_ /SXShort/ Reg. No. 45,105  
Shayne X. Short, Ph.D., Reg. No. 45,105  
Direct Phone: (512) 825-1145  
Direct Fax No. (512) 394-9006

GARLICK HARRISON & MARKISON  
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Substitute for form 1449/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known	
Application Number	10/669,177
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First Named Inventor	Ba-Zhong Shen
Art Unit	2133
Examiner Name	DILDINE JR, R STEPHEN
Attorney Docket Number	BP3036.1

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Moe Wheatley, "WinPSK Technical Reference Manual", 46 pages, 12-28-1999	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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